## Russia May Be Testing the

## Re-Entry of Weapons From Space

By EVERT CLARK

Special to The New York Times WASHINGTON, Aug. 19unusual sequence of space launchings by the Soviet Union has led some American officials to conclude that the Russians are testing techniques for reentering warheads from space.

This could mean that the Russians are developing weapons to be stationed in orbit. Weapon re-entry techniques can be tested with or without the use of weapons, and the same re-entry techniques can be used for either nuclear or conventional weapons.

The flights began last September in what was unusual secrecy even for the Russians. The most recent flight in the series of seven was made 11 days ago.

## U.N. Resolution Recalled

Since before the space age began, military analysts have began, military analysts have adopted by the General Assemofficials disclosed their contioning weapons in orbit. The bly in 1963 with Soviet supcern over these two flights, ideas proposed have included port, calls upon all states to refinally listing them in an of-bombs, missiles that could in-frain from placing weapons of ficial catalogue even though the crossive and many destruction in orbit.

The supposed for the supposed fo from earth and manned hom-bers and inspection-interceptor vehicles.

But the question of whether them.

But the question of whether them.

Even earlier than that, some of such weapons as never been military men said privately that

A United Nations resolution, resolved. Soviet military lead-likey suspected Moscow had



Launching site is at cross.

ers boasted in November, 1965, of an "orbital missile" that could deliver nuclear warheads "on the first or any other orbit around the earth."

Not until last September, however, did the Russians conduct a launching that appeared to be a test of such a weapon.

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That flight, on Scot. 17, 1966, was made from Tyuratam in Kazakhstan. Its angle of incilnation to the equator was different from that of any previous Soviet shot.

Soon after launching, the vehicle was observed by Western tracking stations to break into at least 80 pieces. On Nov. 2, 1966, a similar shot was made.

Russia did not report the launching of either vehicle, although it has long used its so-called "scientific" cosmos satellite series to disguise military flights, according to American officials.

In December, 1966, American

finally begun tests of the re-extensively with the precise entry of warheads from orbit control of re-entry vehicles

entry of warheads from orbit. On Jan. 25 of this year, Russia again launched a vehicle from Tyuratam at a 49-degree angle. This one apparently did not break into a great number of pieces as the two earlier ones had. But it remained in flight for a very short time. This time, Russia announced the flight as Cosmos 139, presumably deciding that Western detection and discussion of the two carlier flights made it usepletely aside from the political not exist. It

believed to have experimented come down significantly.

not exist. If

But Soviet announcements and loss efficient dld not report a period for Cosmos 139—the length of time that the satellite would take to complete each revolution in Rut Dr. Charles 25. We are considerations, critics have arranged and considerations, critics have arranged and considerations, critics have arranged that or substantial sound that or consideration in the consi

complete each revolution in Space.

The unusual, short-lived minded Congressmen late last flights at 49 degrees from the Tyuratam base have been repeated at least four more times abandoned three years ago because the sate of the sate

since. Each was given a costly."

Both the United States and Russia are developing maneuverable warheads for missiles—at the whole question because warheads that can alter their the costs of putting things in pally lateral property missiles.

Approved For Release 2004/06/23 But the United States is not cost of the system ought to believed to have experimented come down significantly."